



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/770,117

DATE: 08/30/2004

TIME: 14:49:22

Input Set : N:\Crf3\RULE60\10770117.raw.txt

Output Set: N:\CRF4\08302004\J770117.raw

1 <110> APPLICANT: The Government of the United States, as represented by the
 2 Secretary, Dept. of
 3 Health and Human Services
 4 Berzofsky, Jay A.
 5 Sarobe, Pablo
 6 Pendleton, C. David
 7 Feinstone, Stephen M.
 8 Arichi, Tatsumi
 9 Major, Marian E.
 10 <120> TITLE OF INVENTION: MODIFIED HCV PEPTIDE VACCINES
 11 <130> FILE REFERENCE: 14014.0347/P
 12 <140> CURRENT APPLICATION NUMBER: US/10/770,117
 13 <141> CURRENT FILING DATE: 2004-02-02
 14 <150> PRIOR APPLICATION NUMBER: US/09/763,260
 15 <151> PRIOR FILING DATE: 2001-10-19
 17 <150> PRIOR APPLICATION NUMBER: 60/097,446
 18 <151> PRIOR FILING DATE: 1998-08-21
 19 <160> NUMBER OF SEQ ID NOS: 8
 20 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 9
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
 28 synthetic construct
 29 <400> SEQUENCE: 1
 30 Asp Leu Met Gly Tyr Ile Pro Ala Val
 31 1 5
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 191
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
 39 synthetic construct
 40 <400> SEQUENCE: 2
 41 Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
 42 1 5 10 15
 43 Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
 44 20 25 30
 45 Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
 46 35 40 45

ENTERED

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47 Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
 48 50 55 60
 49 Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
 50 65 70 75 80
 51 Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
 52 85 90 95
 53 Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
 54 100 105 110
 55 Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
 56 115 120 125
 57 Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Ala Val Gly Ala Pro Leu
 58 130 135 140
 59 Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
 60 145 150 155 160
 61 Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
 62 165 170 175
 63 Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
 64 180 185 190
 65 <210> SEQ ID NO: 3
 66 <211> LENGTH: 9
 67 <212> TYPE: PRT
 68 <213> ORGANISM: Artificial Sequence
 69 <220> FEATURE:
 70 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
 71 synthetic construct
 72 <400> SEQUENCE: 3
 73 Asp Leu Met Gly Tyr Ile Pro Leu Val
 74 1 5
 75 <210> SEQ ID NO: 4
 76 <211> LENGTH: 191
 77 <212> TYPE: PRT
 78 <213> ORGANISM: Artificial Sequence
 79 <220> FEATURE:
 80 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
 81 synthetic construct
 82 <400> SEQUENCE: 4
 83 Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
 84 1 5 10 15
 85 Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gln Ile Val Gly
 86 20 25 30
 87 Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
 88 35 40 45
 89 Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
 90 50 55 60
 91 Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
 92 65 70 75 80
 93 Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
 94 85 90 95
 95 Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro

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98	100	105	110	
99	Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys			
100	115	120	125	
101	Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Leu Val Gly Ala Pro Leu			
102	130	135	140	
103	Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp			
104	145	150	155	160
105	Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile			
106	165	170	175	
107	Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala			
108	180	185	190	

110 <210> SEQ ID NO: 5

111 <211> LENGTH: 23

112 <212> TYPE: DNA

113 <213> ORGANISM: Artificial Sequence

114 <220> FEATURE:

115 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
synthetic construct

117 <400> SEQUENCE: 5

118 tcatgggta cataccggcg gtc

23

120 <210> SEQ ID NO: 6

121 <211> LENGTH: 23

122 <212> TYPE: DNA

123 <213> ORGANISM: Artificial Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
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127 <400> SEQUENCE: 6

128 tccaaagaggg gcggcgaccg ccg

23

130 <210> SEQ ID NO: 7

131 <211> LENGTH: 21

132 <212> TYPE: DNA

133 <213> ORGANISM: Artificial Sequence

134 <220> FEATURE:

135 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
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137 <400> SEQUENCE: 7

138 aagactgcta gccgagtagt g

21

140 <210> SEQ ID NO: 8

141 <211> LENGTH: 20

142 <212> TYPE: DNA

143 <213> ORGANISM: Artificial Sequence

144 <220> FEATURE:

145 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note =
synthetic construct

147 <400> SEQUENCE: 8

148 cacaataactc gagtttagggc

20

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/30/2004
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valid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

```
q#:5; Line(s) 118
q#:6; Line(s) 128
q#:7; Line(s) 138
q#:8; Line(s) 148
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VERIFICATION SUMMARY

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